



JPW

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: 5/10/2004 Name: Stephanie J. Felicetty, 50,814 Signature: [Signature]

**BRINKS
HOFER
GILSON
& LIONE**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: **Ho Min Chun**
Appln. No.: **10/692,318**
Filed: **October 22, 2003**
For: **NOVEL COMPOSITION AND METHOD
FOR PROTECTING BOTH NATURAL AND
ARTIFICIAL HAIR COLOR FROM
ULTRAVIOLET LIGHT DAMAGE**

Examiner: Not yet assigned
Art Unit: 1615

Attorney Docket No: **3086/1427**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Information Disclosure Statement (3pp. Filed in Dup.); Form PTO 1449 (1p.); 14 cited reference
- ☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(_____).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ to cover the above-identified fee(s) is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

5/10/2004
Date

Respectfully submitted,

[Signature]
Stephanie J. Felicetty (Reg. No. 50,814)



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

5/10/2004

Date of Deposit

Stephanie J. Felicetty, Reg. No. 50,814

Name of Applicant, Assignee or
Registered Representative



Signature

5/10/2004

Date of Signature

Our Case No.: 3086/1427
Client Ref. No. BH2103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ho Ming Chun

Serial No.: 10/692,318

Filing Date: October 22, 2003

For: NOVEL COMPOSITION AND
METHOD FOR PROTECTING
BOTH NATURAL AND ARTIFICIAL
HAIR COLOR FROM
ULTRAVIOLET LIGHT DAMAGE

Examiner: Not yet assigned

Group Art Unit No.: 1615

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and

made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

No.	Date	Name
US 2003/0148902	August 7, 2003	Coimbra et al.
US 2003/0082126	May 1, 2003	Pinzon et al.
US 2003/0075709	April 24, 2003	Danielson et al.
US 2002/0122781	September 5, 2002	Pinzon et al.
US 2002/0034489 A1	March 21, 2002	Wiegand et al.
6,620,410	September 16, 2003	Cho et al.
6,569,410	May 27, 2003	Schmid et al.
6,495,122 B2	December 17, 2002	Fankhauser et al.
6,428,799	August 6, 2002	Cen et al.
6,375,940	April 23, 2002	Richard et al.
6,224,854	May 1, 2001	Robinson
6,201,000	March 13, 2001	Luther et al.
6,190,645 B1	February 20, 2001	SaNogueira et al.
6,090,370	July 18, 2000	Luther et al.
6,071,501	June 6, 2000	Robinson
6,060,041	May 9, 2000	Candau et al.
6,046,330	April 4, 2000	Qinghong et al.
5,976,513	November 2, 1999	Robinson
5,972,316	October 26, 1999	Robinson
5,968,485	October 19, 1999	Robinson
5,948,124	September 7, 1999	Grit et al.
5,914,100	June 22, 1999	Gers-Barlag et al.
5,874,091	February 23, 1999	Grollier
5,849,274	December 15, 1998	Gers-Barlag et al.
5,811,082	September 22, 1998	Ahlnas et al.
5,714,136	February 3, 1998	Yahagi et al.
5,695,747	December 9, 1997	Forestier et al.
5,633,403	May 27, 1997	Gallagher et al.
5,618,519	April 8, 1997	Pawelek et al.
5,601,811	February 11, 1997	Gallagher et al.
5,597,574	January 28, 1997	Narayanan et al.
5,454,841	October 3, 1995	Wolfram et al.
5,451,254	September 19, 1995	Andrean et al.
5,256,403	October 26, 1993	Gaskin
5,102,660	April 7, 1992	Forestier et al.
5,006,331	April 9, 1991	Gaskin
4,866,159	September 12, 1989	Forestier et al.
4,824,602	April 25, 1989	Juneja

4,814,162	March 21, 1989	Lang et al.
4,806,344	February 21, 1989	Gaskin
4,770,667	September 13, 1988	Evans et al.
4,726,942	February 23, 1988	Lang et al.
4,710,584	December 1, 1987	Lang et al.
4,668,235	May 26, 1987	Evans et al.
4,663,088	May 5, 1987	Lang et al.
4,654,434	March 31, 1987	Lang et al.
4,585,597	April 29, 1986	Lang et al.
4,168,302	September 18, 1979	Schoenberg
3,870,519	March 11, 1975	Piller
3,808,311	April 30, 1974	Olson et al.
3,661,606	May 9, 1972	Luethi et al.
3,445,566	May 20, 1969	Skoultchi et al.
OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Ciba Pub. No. PC.LE.0212.e.03, 2003.		
DOW CORNING 929 Cationic Emulsion (Product Information – Ref. no. 22-0266E-01)		
Experimental Incroquat UV-283 Anhydrous (Croda MSDS), July 17, 2003, Croda		
FANCORSIL LIM-1, LIM-2, LIM-3 (Fancor specification), October 13, 2003, Fancor		
INCROQUAT UV-283 (DS-127R-5), October 23, 2002, Croda		
INCROQUAT 18MEA-30; Croda MSDS), Croda		
TINOGARD HS PWD (Ciba MSDS No. 1198), May 16, 2001, Ciba		
Gao et al., <i>Ultraviolet Damage on Natural Gray Hair and its Photoprotection</i> , Journal of Cosmetic Science, 52 103-118, March/April 2001.		
http://www.mst.dk/udgiv/publications/2001/87-7944-596-9/html/kap05_eng.htm (Cationic surfactants), 2001, Danish Environmental Protection Agency		
http://www.californiatan.com/product/ingredient_glossary.ehtm , (definition of sodium benzotriazolyl butylphenol sulfonate)		
http://www.geocities.com/HotSprings/4266/shampoo.html		
http://www.dongnamchem.com/korea/products/view_products.php3?code=db_product&ca , Dongnam Chemical Ind., Ltd., 2000.		
http://www.kcpc.usyd.edu.au/discovery/9.5.5-short/9.5.5_cationic.html , January 25, 2001, Key Centre for Polymer Colloids		
http://www.crodausa.com/news.lasso?-token.detail=124&-token.archive=Y , Croda		

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Stephanie J. Felicetty
Registration No. 50,814
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, IL 60610
(312) 321-4200



FORM PTO-1449	SERIAL NO. 10/692,318	CASE NO. 3086/1427
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE October 22, 2003	GROUP ART UNIT 1615
(use several sheets if necessary)	APPLICANT(S): Ho Min Chun	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	US 2003/0148902	August 7, 2003	Coimbra et al.		
	A2	US 2003/0082126	May 1, 2003	Pinzon et al.		
	A3	US 2003/0075709	April 24, 2003	Danielson et al.		
	A4	US 2002/0122781	September 5, 2002	Pinzon et al.		
	A5	US 2002/0034489 A1	March 21, 2002	Wiegand et al.		
	A6	6,620,410	September 16, 2003	Cho et al.		
	A7	6,569,410	May 27, 2003	Schmid et al.		
	A8	6,495,122 B2	December 17, 2002	Fankhauser et al.		
	A9	6,428,799	August 6, 2002	Cen et al.		
	A10	6,375,940	April 23, 2002	Richard et al.		
	A11	6,224,854	May 1, 2001	Robinson		
	A12	6,201,000	March 13, 2001	Luther et al.		
	A13	6,190,645 B1	February 20, 2001	SaNogueira et al.		
	A14	6,090,370	July 18, 2000	Luther et al.		
	A15	6,071,501	June 6, 2000	Robinson		
	A16	6,060,041	May 9, 2000	Candau et al.		
	A17	6,046,330	April 4, 2000	Qinghong et al.		
	A18	5,976,513	November 2, 1999	Robinson		
	A19	5,972,316	October 26, 1999	Robinson		
	A20	5,968,485	October 19, 1999	Robinson		
	A21	5,948,124	September 7, 1999	Grit et al.		
	A22	5,914,100	June 22, 1999	Gers-Barlag et al.		
	A23	5,874,091	February 23, 1999	Grollier		
	A24	5,849,274	December 15, 1998	Gers-Barlag et al.		
	A25	5,811,082	September 22, 1998	Ahlnas et al.		
	A26	5,714,136	February 3, 1998	Yahagi et al.		
	A27	5,695,747	December 9, 1997	Forestier et al.		
	A28	5,633,403	May 27, 1997	Gallagher et al.		
	A29	5,618,519	April 8, 1997	Pawelek et al.		
	A30	5,601,811	February 11, 1997	Gallagher et al.		
	A31	5,597,574	January 28, 1997	Narayanan et al.		
	A32	5,454,841	October 3, 1995	Wolfram et al.		
	A33	5,451,254	September 19, 1995	Andrean et al.		
	A34	5,256,403	October 26, 1993	Gaskin		
	A35	5,102,660	April 7, 1992	Forestier et al.		
	A36	5,006,331	April 9, 1991	Gaskin		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. 10/692,318	CASE NO. 3086/1427
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE October 22, 2003	GROUP ART UNIT 1615
(use several sheets if necessary)		APPLICANT(S): Ho Min Chun

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A37	4,866,159	September 12, 1989	Forestier et al.		
	A38	4,824,602	April 25, 1989	Juneja		
	A39	4,814,162	March 21, 1989	Lang et al.		
	A40	4,806,344	February 21, 1989	Gaskin		
	A41	4,770,667	September 13, 1988	Evans et al.		
	A42	4,726,942	February 23, 1988	Lang et al.		
	A43	4,710,584	December 1, 1987	Lang et al.		
	A44	4,668,235	May 26, 1987	Evans et al.		
	A45	4,663,088	May 5, 1987	Lang et al.		
	A46	4,654,434	March 31, 1987	Lang et al.		
	A47	4,585,597	April 29, 1986	Lang et al.		
	A48	4,168,302	September 18, 1979	Schoenberg		
	A49	3,870,519	March 11, 1975	Piller		
	A50	3,808,311	April 30, 1974	Olson et al.		
	A51	3,661,606	May 9, 1972	Luethi et al.		
	A52	3,445,566	May 20, 1969	Skoultchi et al.		

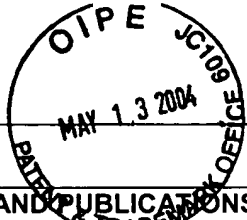
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
	A53	Ciba Pub. No. PC.LE.0212.e.03, 2003.
	A54	DOW CORNING 929 Cationic Emulsion (Product Information – Ref. no. 22-0266E-01)
	A55	Experimental Incroquat UV-283 Anhydrous (Croda MSDS), July 17, 2003, Croda
	A56	FANCORSIL LIM-1, LIM-2, LIM-3 (Fancor specification), October 13, 2003, Fancor
	A57	INCROQUAT UV-283 (DS-127R-5), October 23, 2002, Croda
	A58	INCROQUAT 18MEA-30; Croda MSDS), Croda
	A59	TINOGARD HS PWD (Ciba MSDS No. 1198), May 16, 2001, Ciba
	A60	Gao et al., <i>Ultraviolet Damage on Natural Gray Hair and its Photoprotection</i> , Journal of Cosmetic Science, 52 103-118, March/April 2001.
	A61	http://www.mst.dk/udgiv/publications/2001/87-7944-596-9/html/kap05_eng.htm (Cationic surfactants), Danish Environmental Protection Agency, 2001,

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	SERIAL NO. 10/692,318	CASE NO. 3086/1427
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE October 22, 2003	GROUP ART UNIT 1615
(use several sheets if necessary)		APPLICANT(S): Ho Min Chun

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	A62	http://www.californiatan.com/product/ingredient_glossary.ehtm , (definition of sodium benzotriazolyl butylphenol sulfonate)
	A63	http://www.geocities.com/HotSprings/4266/shampoo.html
	A64	http://www.dongnamchem.com/korea/products/view_products.php3?code=db_product&ca , Dongnam Chemical Ind., Ltd., 2000.
	A65	http://www.kcpc.usyd.edu.au/discovery/9.5.5-short/9.5.5_cationic.html , January 25, 2001, Key Centre for Polymer Colloids.
	A66	http://www.crodausa.com/news.lasso?-token.detail=124&-token.archive=Y , Croda.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.